

NODC Products and Information

Product	Description	Location
<i>NOAA Mission Goal: Weather & Water</i>		
NOAA Extreme Weather Information Sheets (NEWIS)	Contains valuable state and local emergency numbers, NOAA websites, media outlets, and evacuation information for residents.	http://www.ncddc.noaa.gov/activities/noaa-extreme-weather-information-sheet-newis/view
Coastal Product: NODC Coastal Water Temperature Guide (CWTG)	Near real-time temperatures from NOAA's National Ocean Service (NOS) tidal stations and Physical Oceanographic Real-Time System (PORTS®) and most recent (within the past six hours) temperatures from NOAA's National Data Buoy Center (NDBC) moored buoys.	http://www.nodc.noaa.gov/dsdt/cwtg/aboutCWTG.html
Coastal Ocean Observing System (COOS)	Provides access to real-time and recent weather, oceanographic, water-level and stream gauge observations.	http://www.ncddc.noaa.gov/website/COOS/viewer.htm
<i>NOAA Mission Goal: Ecosystem</i>		
Gulf of Mexico Coastal Habitat	NCDDC and National Marine Fisheries pilot projects for habitat monitoring and assessment.	http://www.ncddc.noaa.gov/interactive-maps/coastal-habitats/gom-coastal-habitat/index.html
Gulf of Mexico Hypoxia Watch	Near-real-time shipboard measurements of bottom dissolved oxygen on anoxic and hypoxic conditions in the western and north-central Gulf of Mexico	http://www.ncddc.noaa.gov/hypoxia/
Harmful Algal Blooms Observing System (HABsOS)	Integrated information system for managing HAB data, events, and effects	http://habsos.noaa.gov/
Priority Habitat Information System	Provides access to Gulf-wide habitat data and information from many different sources.	http://www.ncddc.noaa.gov/activities/healthy-oceans/ecowatch/index.html
Coral Reef Information System (CoRIS)	Single point of access to NOAA coral reef information and data products, especially those derived from NOAA's Coral Reef Conservation Program.	http://coris.noaa.gov/
Ocean Exploration Digital Atlas	Selected data from NOAA's Ocean Exploration expeditions	http://www.ncddc.noaa.gov/interactive-maps/ocean-exploration/oer-digital-atlas/index.html
<i>NOAA Mission Goal: Climate</i>		
Joint Archive for Sea Level (JASL)	International effort to acquire, review, assess, manage, and distribute sea level for hourly and daily values	http://www.ncddc.noaa.gov/activities/climate/jasl/index.html
Pacific Islands Climate Change Virtual Library	Provides access to climate information and tools relevant to Pacific Islands coastal managers.	http://docs.lib.noaa.gov/vlib/PICCP/
Joint Archive for Shipboard Acoustic Doppler Current Profiler	Acquisition, review, documentation, archival, and distribution of shipboard ADCP data sets	http://www.nodc.noaa.gov/General/adcp.html

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Global Temperature Salinity Profile Program (GTSP)	A cooperative international project with Canada's Marine Environmental Data Service (MEDS), the GTSP is a global ocean Temperature-Salinity resource with timely, high quality data.	http://www.nodc.noaa.gov/GTSP/P/gtspp-home.html
Global Argo Data Repository	Argo daily data include real-time and delayed-mode profiles of ocean temperature and salinity measured by the Argo profiling floats.	http://www.nodc.noaa.gov/argo/la test_data.html
World Ocean Database	Provides access to global scientifically quality-controlled ocean profile and plankton data that includes measurements variables gathered since 1773.	http://www.nodc.noaa.gov/OC5/WOD/pr_wod.html
World Ocean Atlas Series	Contains objectively analyzed climatological fields of <i>in situ</i> temperature, salinity, oxygen, and other measured variables at standard depth levels for various compositing periods for the world ocean.	http://www.nodc.noaa.gov/OC5/WOA09/pr_woa09.html
International Ocean Atlas Series Volumes 1-12	Printed atlases and digital media from various seas which provide climatic data such as temperature, salinity, and oxygen at various depths.	http://www.nodc.noaa.gov/OC5/indprod.html#inter
Global Ocean Heat Content	Provides temperature anomaly, heat content fields, and data distribution figures for the global ocean	http://www.nodc.noaa.gov/OC5/3M_HEAT_CONTENT/
Salinity Anomalies: 1955- 1998	Data distribution figures, salinity climatologies, and salinity anomaly fields associated with the publication	http://www.nodc.noaa.gov/OC5/DATA_ANALYSIS/sal_intro.html
Warming of the World Ocean: 1955-2003 (Online Data)	Data distribution figures, temperature anomaly fields, and heat content fields associated with the publication.	http://www.nodc.noaa.gov/OC5/DATA_ANALYSIS/heat_intro.html
4 km Pathfinder Data	Extension of and improvement on the sea surface temperature (SST) fields from the older NOAA/NASA AVHRR Oceans Pathfinder project	http://pathfinder.nodc.noaa.gov/
Group for High Resolution SST (GHRSST)	Individual as well as multi-sensor blended SST products with high accuracy and fine spatial resolution.	http://ghrsst.nodc.noaa.gov/
NODC Altimeter Archive	Altimeter data and products from the Geosat and Jason-2 Missions.	http://www.nodc.noaa.gov/SatelliteData
Coral Reef Temperature Anomaly Database (CoRTAD)	Collection of sea surface temperature (SST) and related thermal stress metrics developed specifically for coral reef ecosystem applications.	http://www.nodc.noaa.gov/SatelliteData/Cortad/
Shipboard Sensor Database	Standard suite of shipboard sensor data (also known as underway data) from each NOAA ship with the Scientific Computer System (SCS)	http://www.nodc.noaa.gov/ssd/
Ocean Color Archive	Overview of the NOAA archive services being provided for Level 2 (L2) ocean color products generated by CoastWatch from SeaWiFS, MODIS and MERIS, which consists primarily of spatial information on chlorophyll-a concentration, as well as turbidity (reflectance)	http://www.nodc.noaa.gov/SatelliteData/OceanColor/
NOAA Mission Goal: Commerce & Transportation		

Product	Description	Location
NOAA Marine Environmental Buoy Database	Official archive of historical wind, wave, and other marine data collected by the NOAA National Data Buoy Center (NDBC). The data are collected from moored buoys and from C-MAN (Coastal-Marine Automated Network) stations located on piers, offshore towers, lighthouses, and beaches	http://www.nodc.noaa.gov/BUOY/buoy.html
<i>NOAA Mission Goal: Cross-Goal Products</i>		
NOAA Ocean Data Education (NODE) Effort	Educational curriculum materials that deliver scientific data and information into the classroom. Current modules include Sea Level, El Nino, and Water Quality.	http://datainthe classroom.org/
Digital Library for Earth System Education (DLESE)	A science activity using SST and depth ocean water temperatures.	http://www.nodc.noaa.gov/SatelliteData/Education
NOAA Photo Library	Contains over 32,000 images & photos which capture the work, observations, and studies of NOAA employees.	http://www.photolib.noaa.gov/
NODC CD-ROM & DVD Products	CD-ROM and DVD data products currently available from the NODC	http://www.nodc.noaa.gov/General/NODC-cdrom.html
Ocean Archive System	World's largest oceanographic archive.	http://www.nodc.noaa.gov/search/prod/
Government Maps and Charts	NOAA Central Library's (NCL) map collection contains cartographic material published by government agencies	http://www.lib.noaa.gov/collections/gov/govdocmaps.html
Earth System Monitor	Free quarterly publication that reports on NOAA environmental data and information programs, projects, and activities.	http://www.nodc.noaa.gov/General/NODCPubs/ESM/esm.html
NODC Posters, Fliers, & Annual Reports	NODC Publications currently available from the NODC	http://www.nodc.noaa.gov/General/NODCPubs/
Full- Text Digital Collections	Rich collection of digital historical documents and maps	http://www.lib.noaa.gov/collections/imgdocmaps/index.html
NODC Bibliography of Publications	An aid to the National Oceanographic Data Center (NODC) printed and online publications.	http://docs.lib.noaa.gov/noaa_documents/NESDIS/NODC/LISD/Central_Library/current_references/current_references_2008_2.pdf

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